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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		10/764,642				
		Filing Date		January 28, 2004				
		First Named Inventor		Takahiro KAWAGUCHI				
		Group Art Unit		3729				
		Examiner Name		TRINH, MINH N				
Sheet	1	of	2	Attorney Docket Number		04058/LH		
U.S. PATENT DOCUMENTS								
Exam. Initia ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion		
MT ↓		3,804,224		BARNABY et al	04-16-1974			
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Exam. Initia ¹	Cite No ¹	Offic ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
Examiner Signature		/Minh Trinh/			Date Considered	05/03/2006		

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				Examiner Name		TRINH, MINH N	
Sheet	2	of	2	Attorney Docket Number		04056/LH	
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published					T ²
MT ↓		Related U.S. Patent Application Serial No. 11/246,639, filed October 7, 2005; Inventor: T. Kawaguchi. Related U.S. Patent Application Serial No. 11/301,412, filed December 13, 2005; Inventor: T. Kawaguchi.					
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				Examiner Name				
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U.S. PATENT DOCUMENTS								
Exam. Initials ¹	Cite No ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion		
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		5,290,112	A	STEMPFLE et al	03-01-1994			
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Examiner Signature		/Minh Trinh/			Date Considered	05/16/2006		

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				Examiner Name		Minh Trinh		
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Exam. Initials ¹	Cite No. ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion		
MT ↓		5,074,687	B1	GUGEL	12-24-1991			
		6,848,843		KAWAGUCHI	02-01-2005			
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MT ↓		JP	4-002639	A	DENKI KAGAKU KOGYO KK	01-07-1992		X*
		JP	4-31061	A	SEIKO EPSON CORP	02-03-1992		X*
			*English language Abstract only.					
Examiner Signature		/Minh Trinh/			Date Considered		05/02/2006	

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				Filing Date	January 26, 2004
				First Named Inventor	Takahiro KAWAGUCHI
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				Examiner Name	Minh Trinh
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NON PATENT LITERATURE DOCUMENTS					
Exam Init ¹	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
MT		Serial No. 11/073,118, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
↓		Serial No. 11/073,117, Inventor: TSUCHIYA et al., Filing date: March 3, 2005			
↓		Serial No. 11/073,092, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
↓		Serial No. 11/073,093, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
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Sheet	1	Attorney Docket Number	04056/LH

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			*English language Abstract only.					
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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*English language Abstract only.								

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		JP	3-39256	A	NEC CORP	02-20-1991		x*
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MT		Serial No.:10/655,894, Inventor: KAWAGUCHI, T., Filing date: September 04, 2003				
↓		Serial No. 10/655,281, Inventor: KAWAGUCHI, T., Filing date: September 3, 2004				
		Serial No. 10/940,361, Inventor: KAWAGUCHI, T. et al., Filing date: September 14, 2004				
		Serial No. 10/940,362, Inventor: KAWAGUCHI, T. et al., Filing date: September 14, 2004				
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		Serial No. 10/940,432, Inventor: KAWAGUCHI, T. Filing date: September 14, 2004				
		Serial No. 10/940,338, Inventor: KAWAGUCHI, T. et al., Filing date: September 14, 2004				
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